IN THE CLAIMS:

Please amend the claims as follows.

1. (Canceled)

2. (Currently Amended) A connector mounted on a board having a plurality of board signal lines and a board ground line, comprising:

a plurality of signal terminals corresponding to said board signal lines, each of said signal terminals comprising:

a signal core line that is generally linear in shape and formed from a conductor;

a core line shield formed from a conductor that is electrically insulated from said signal core line and axially encloses said signal core line;

a signal electrode extending from said signal core line for connecting said signal core line with said signal terminal;

a plurality of ground electrodes extending from said core line shield, facing each other and separated by said signal electrode, each ground electrode connecting said core line shield with said board ground line; and ~~The connector as claimed in claim 1, further comprising~~

a housing holding a part of each of said plurality of signal terminals [[by]]in ~~two lines side by side in which a~~ first ~~row~~ and [[a]] second

~~row are~~ parallel ~~to each other~~ rows, wherein,

the connector is mounted to [[one]] a side of the board on which [[its]] a front face of the board is parallel to ~~said~~ an axis ~~direction~~ of said signal core line,

said signal electrode ~~of said signal terminal~~ in the first row faces ~~is faced by intervention of~~ said signal electrode ~~of said signal terminal~~ in the second row, separated by [[and]] said board,

said signal electrode of said ~~signal terminal in the~~ first row is connected with said board signal line ~~formed~~ on the front face of said board, and

said signal electrode ~~of said signal terminal~~ in the second row is connected with said board signal line ~~formed~~ on a rear face of said board.

3. (Currently Amended) A connector mounted on a board having a plurality of board signal lines and a board ground line, comprising:

a plurality of signal terminals corresponding to said board signal lines, each of said signal terminals comprising:

a signal core line that is generally linear in shape and formed from a conductor;

a core line shield formed from a conductor that is electrically insulated from said signal core line and axially encloses said signal core line;

a signal electrode extending from said signal core line for connecting said signal core line with said signal terminal;

a plurality of ground electrodes extending from said core line shield, facing each other and separated by said signal electrode, each ground electrode connecting said core line shield with said board ground line; and ~~The connector as claimed in claim 1, further comprising:~~

a housing holding at least a part of said ~~plurality of~~ signal terminals in ~~the predetermined arrangement orientation side by side~~ two parallel rows; and

a side surface parallel to said axis of said signal core line, wherein said signal terminals are oriented in said housing ~~direction and said arrangement orientation in said housing is formed~~ in ~~the shape of~~ a wave shape that protrudes ~~protruded in the direction~~ perpendicularly from [[to]] said side surface ~~respectively in~~ at each ~~position holding said plurality of~~ signal terminal[[s]].

4. (Currently Amended) The connector as claimed in claim 3 , wherein said housing holds the plurality of signal terminals [[by]] in two parallel rows, with ~~lines side by side, by zigzag arrangements of~~ a first row [[and]] disposed parallel to a second row ~~disposed parallel to each other~~ in a zigzag arragement, and in said housing, said side surface close to said first row is formed in ~~the shape of~~ a wave shape that produces ~~protruded in the direction~~ perpendicularly ~~to~~ from said side

surface ~~respectively in~~ at each signal terminal position ~~holding said plurality of signal terminals~~ in said first row, said side surface ~~parallel~~ close to said second row is formed in ~~the shape of~~ a wave shape that protrudes ~~protruded in the direction~~ perpendicularly from [[to]] said side surface ~~respectively in~~ at each signal terminal position ~~holding said plurality of signal terminals~~ in said second row.

5. - 6. (Canceled)

7. (Currently Amended) A connector mounted on a board having a plurality of board signal lines and a board ground line, comprising:

a plurality of signal terminals corresponding to said board signal lines, each of said signal terminals comprising:

a signal core line that is generally linear in shape and formed from a conductor;

a core line shield formed from a conductor that is electrically insulated from said signal core line and axially encloses said signal core line;

a signal electrode extending from said signal core line for connecting said signal core line with said signal terminal;

a plurality of ground electrodes extending from said core line shield, facing each other and separated by said signal electrode, each ground electrode connecting said core line shield with said board

ground line; and~~The connector as claimed in claim 1, further comprising:~~

a housing holding said plurality of signal terminals; and

rivets fixing said housing to said board.

8. (Currently Amended) The connector as claimed in claim 7 , wherein

said connector is connected to other connectors ~~opposed to~~ facing the board by intervention of said connector,

said housing has housing through-holes formed by penetration [[ng it]] from a top face ~~supposed to said connecter~~ to [[its]] a rear face of said housing,

said board has board through-holes formed by penetration [[ng it]] from a front face to a rear face of ~~supposed to~~ said housing, ~~to its rear face in~~ corresponding [[ence]] to said housing through-holes, and

said rivets are inserted into the housing through-holes and the board through-holes in [[the]] a direction from the housing to the board, so that one end opposing [[ed to]] said other connectors is accommodated to the housing through-holes and another end [[is]] protrudes ~~protruded~~ from the rear face of the board.

9. (Currently Amended) A connector mounted on a board having a plurality of board signal lines and a board ground line, comprising:

a plurality of signal terminals corresponding to said board signal lines, each of said signal terminals comprising:

a signal core line that is generally linear in shape and formed from a conductor;

a core line shield formed from a conductor that is electrically insulated from said signal core line and axially encloses said signal core line;

a signal electrode extending from said signal core line for connecting said signal core line with said signal terminal;

a plurality of ground electrodes extending from said core line shield, facing each other and separated by said signal electrode, each ground electrode connecting said core line shield with said board ground line; and ~~The connector as claimed in claim 1, further comprising:~~

a housing holding a part of ~~each of~~ said plurality of signal terminals in two parallel rows, with ~~by zigzag arrangement of two lines consisted of~~ a first row [[and]] disposed parallel to a second row ~~parallel to each other~~ in a zigzag arrangement; and

two positioning members prescribe a position of other connectors connected to said connector by ~~forming to protrude~~ protruding from the surface of the housing in a position ~~forming zigzag arrangements with the terminals, so that the members are~~ adjacent to the zigzag arrangement of the signal terminals, wherein the positioning members are separated by ~~respectively disposed on one end of each of the first row and the second row and are faced each~~

~~other by intervention of~~ said plurality of signal terminals and are disposed at each end of the first row and the second row.

10. (Currently Amended) The connector as claimed in claim 9, wherein said housing holds said signal terminals ~~of the same number respectively in~~ the first row and the second row.

11. (Currently Amended) A connector for mounting on a board that has a plurality of board signal lines and a board ground line, comprising:

a plurality of signal terminals corresponding to said board signal lines, each of said signal terminals comprising:

a signal core line that is generally linear in shape and formed from a conductor;

a core line shield formed from a conductor that is electrically insulated from said signal core line and axially encloses said signal core line;

a signal electrode extending from said signal core line for connecting said signal core line with said signal terminal;

a plurality of ground electrodes extending from said core line shield, facing each other and separated by said signal electrode, each ground electrode connecting said core line shield with said board ground line; and ~~The connector as claimed in claim 1, wherein~~ said connector is connected to other connectors that have[[ing]] a connector[[ed]]

core line connected with said signal core line,

said signal core line is connected by engaging it to an end of said connector[[ed]] core line ~~in its end~~,

said ~~shield for~~ core line shield includes a circle-shaped extension ~~part~~ protruding ~~from an~~ inside said core line shield and surrounding the signal core line ~~to the signal core line by extension in the shape of a circle surrounding the signal core line~~ in [[the]]a vicinity of one end of the signal core line.

12. (Currently Amended) A connector for mounting on a board that has a plurality of board signal lines and a board ground line, comprising:

a plurality of signal terminals corresponding to said board signal lines, each of said signal terminals comprising:

a signal core line that is generally linear in shape and formed from a conductor;

a core line shield formed from a conductor that is electrically insulated from said signal core line and axially encloses said signal core line;

a signal electrode extending from said signal core line for connecting said signal core line with said signal terminal;

a plurality of ground electrodes extending from said core line shield, facing each other and separated by said signal electrode, each ground electrode connecting said core line shield with said board ground line; and ~~The connector as claimed in claim 1, wherein~~

said signal terminals are ~~engaged with each of the signal core line and the shield for core line and are~~ connected to a connector[[ed]] terminal having a connector[[ed]] core line and a connector[[ed]] shield, with which each of said signal core lines and core line shields engage, and

[[one]]a first side of said signal core line and said connector[[ed]] core line is a male core line terminal ~~of male type, another~~ second side of said signal core line is a female core line terminal ~~of female type~~ pressing ~~that~~an outer face of said male core line terminal with[[by]] an elastic force from an[[in]] inner face that contacts[[ed]] with said outer face of said male core line ~~terminal of male type~~,

a first[[one]] side of said ~~shield for~~ core line shield and said connector[[ed]] shield is a male shield terminal ~~of male type~~, another side is a female shield terminal ~~of female type~~ pressing ~~that~~an outer face of said male shield terminal with[[by]] an elastic force from an[[in]] inner face of said female shield terminal that contacts[[ed]] ~~with~~ said outer face of said male shield terminal ~~of male type~~, and

when said signal terminal and said connector[[ed]] terminal are connected, one side of said signal core line and said ~~shield for~~ core line shield[[is]] contacts[[ed]] one of~~with~~ said connected core line and[[or]] said ~~shield for~~ core line shield prior to contact[[ion]] with another side.

13. (Currently Amended) The connector as claimed in claim 12, wherein[[,]] when said signal terminal and said connector[[ed]] terminal are connected, said

core line shield ~~for core line is~~ contact~~ed with~~ said connector[[ed]] shield before said signal core line is connected to said connector[[ed]] core line.

14. (Currently Amended) The connector as claimed in claim 13, wherein, until a tip of the male shield terminal ~~of male type~~ is inserted into a predetermined position [[in]]inside [[of]]the female shield terminal ~~of female type~~, said female shield terminal ~~of female type~~ presses outside [[of]]the male shield terminal ~~of male type~~ with an elastic force that[[to]] increases gradually according to a position~~advance~~ of the tip [[to]]inside [[of]]the female shield terminal ~~of female type~~, and after the tip of the male shield terminal ~~of male type~~ is inserted into the predetermined position, the signal core line is connected to the connector[[ed]] core line.

15. (Currently Amended) A connector including a plurality of signal terminals for transmitting a signal and a housing for holding said plurality of signal terminals, said signal terminals comprising:

a signal core line that is generally linear in shape and formed [[of]]from a conductor ~~by extension in the shape of a line~~;

a first conductive shield electrically~~formed of conductor~~ insulated from the signal core line ~~electrically~~ and accommodated in the housing so that the first conductive shield encloses the signal core line by ~~the~~ extending[[sion]] from [[the]]a vicinity of [[the]]a tip of the signal core line in[[to]] an axial[[s]] direction ~~of the signal core line~~;

a protrusion ~~part~~ protruding[[ed]] over a part of a surface of~~in a direction depart from~~ the signal core line and formed by the extension from [[the]]a termination end of the first conductive shield to be locked in the surface of the housing; and

a second conductive shield electrically~~formed of conductor~~ insulated from the signal core line ~~electrically~~ so that the tip of the signal core line intervenes between the signal core line and the first conductive shield in the vicinity of the protrusion ~~part~~ and the second conductive shield encloses the signal core line by[[the]] extending[[sion]] from the tip of the signal core line in[[to]] an axial[[s]] direction.

16. - 18. (Canceled)

19. (Currently Amended) A connector including a signal terminal that is connected to a connector[[ed]] terminal with a connector[[ed]] core line and a connector[[ed]] shield, said signal terminal comprising:

a signal core line that is generally linear in shape and formed [[o]]from a conductor ~~by extension in the shape of a line~~ for engaging with said connector[[ed]] core line; and

a core line shield for engaging with said connector shield~~core line~~ formed [[of]]from a conductor and electrically insulated from said signal core line ~~electrically~~ so as to axially enclose said signal core line, wherein ~~by extension in an axis direction of said signal core line for engaging with said connected shield;~~

one side of said signal core line and said connector[[ed]] core line is a male core line ~~terminal of male type~~,

another side is a female core line ~~terminal of female type~~ pressing an[[that]] outer face of said male core line terminal by an elastic force in an inner face ~~contactinged with~~ said outer face of said male core line ~~terminal of male type~~,

one side of said ~~shield for~~ core line shield and said connector[[ed]] shield is a male shield ~~terminal of male type~~,

another side is a female shield ~~terminal of female type~~ pressing ~~that~~said outer face by an elastic force in said inner face ~~contactinged with~~ said outer face of said male shield ~~terminal of male type~~, and

when said signal terminal and said connector[[ed]] terminal are connected, one side of said signal core line and said ~~shield for~~ core line shield[[is]] ~~contacted with~~ one of said connector[[ed]] core line [[or]]and said ~~shield for~~ core line shield prior to ~~contaction~~ with another side.